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ABSTRACT OF THE DISCLOSURE

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3 A microwave filter made of acoustically coupled, bulk
4 wave acoustic resonators. The resonators utilize piezoelectric
5 materials sandwiched between conducting electrodes. Layers of
6 material that intervene between the resonators control the amount
7 of acoustic coupling between the resonators and the amount of
8 coupling is selected to obtain desired filter characteristics.
9 The resonators and the intervening layers may be supported upon a
10 substrate by means of a series of layers of material that function
11 as an acoustic mirror or reflector.

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